

(FILE 'HOME' ENTERED AT 10:11:03 ON 18 JAN 2000)

FILE 'USPATFULL' ENTERED AT 10:11:26 ON 18 JAN 2000

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L1      1297 S VIRTUAL REALITY
L2      322 S (GENERAT?)(P)L1
L3      946 S CATEGOR? (P) DIMENSION
L4      0 S L2 AND L3
L5      75304 S (NUMER? OR NUMBER) (P) DIMENSION
L6      40 S L2 AND L5
L7      17 S MEDICAL AND L6
L8      223 S ((THREE OR THIRD) () DIMENSION?) AND L2
L9      23 S L6 NOT L7
L10     187 S L8 NOT L6
L11     9 S ((THREE OR THIRD) () DIMENSION?) (P) L5) AND L2
L12     72 S L2 AND USER() INTERFACE
L13     56 S L12 AND L8
L14     42 S L13 NOT L6

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YOU HAVE REQUESTED DATA FROM 42 ANSWERS - CONTINUE? Y/(N):y

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L14 ANSWER 1 OF 42  USPATFULL
AN   2000:5303  USPATFULL
TI   Apparatus and method for three dimensional
      manipulation of point of view and object
IN   LaHood, Edward R., Chicago, IL, United States
PA   Platinum technology IP, inc., Islandia, NY, United States (U.S.
      corporation)
PI   US 6014142  20000111
AI   US 1998-199029  19981124 (9)
RLI  Continuation of Ser. No. US 1996-747268, filed on 12 Nov 1996, now
      patented, Pat. No. US 5874956
PRAI US 1995-6544      19951113 (60)
DT   Utility
LN.CNT 752
INCL  INCLM: 345/355.000
      INCLS: 345/354.000; 345/145.000; 345/439.000
NCL   NCLM: 345/355.000
      NCLS: 345/354.000; 345/145.000; 345/439.000
IC    [6]
      ICM: G06F003-00
EXF   345/333; 345/334; 345/348; 345/339; 345/349; 345/355; 345/335; 345/350;
      345/351; 345/352; 345/353; 345/354; 345/145; 345/146; 345/439

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L14 ANSWER 2 OF 42  USPATFULL
AN   1999:161560  USPATFULL
TI   Method and apparatus for implementing dynamic VRML
IN   Lipkin, Daniel, Belmont, CA, United States
PA   Oracle Corporation, Redwood Shores, CA, United States (U.S.
      corporation)
PI   US 5999944  19991207
AI   US 1998-32099  19980227 (9)

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DT Utility
 LN.CNT 2031
 INCL INCLM: 707/104.000
 INCLS: 345/351.000; 345/502.000; 709/206.000; 709/219.000
 IC [6]
 ICM: G06F017-30
 EXF 345/351; 345/502; 709/206; 709/219; 707/104

L14 ANSWER 3 OF 42 USPATFULL
 AN 1999:161141 USPATFULL
 TI Method for video telephony over a hybrid network
 IN Krishnaswamy, Sridhar, Cedar Rapids, IA, United States
 Elliott, Isaac K., Colorado Springs, CO, United States
 Reynolds, Tim E., Iowa City, IA, United States
 Forgy, Glen A., Iowa City, IA, United States
 Solbrig, Erin M., Cedar Rapids, IA, United States
 PA MCI Communications Corporation, Washington, DC, United States (U.S. corporation)
 PI US 5999525 19991207
 AI US 1996-751215 19961118 (8)
 DT Utility
 LN.CNT 20754
 INCL INCLM: 370/352.000
 INCLS: 370/389.000; 370/392.000; 379/090.010; 379/093.070; 379/114.000
 IC [6]
 ICM: H04L012-66
 ICS: H04L012-28; H04L012-56
 EXF 370/352; 370/383; 370/389; 370/390; 370/392; 370/401; 370/468; 370/463;
 370/493; 370/410; 379/100.13; 379/93.08; 379/93.07; 379/93.14;
 379/93.29; 379/90.01; 379/114; 455/5.1; 455/6.3; 348/14; 348/17;
 348/10;
 348/15

L14 ANSWER 4 OF 42 USPATFULL
 AN 1999:114763 USPATFULL
 TI Method and apparatus for providing force feedback over a computer network
 IN Rosenberg, Louis B., Pleasanton, CA, United States
 Tan, Sian W., Mountain View, CA, United States
 PA Immersion Corporation, San Jose, CA, United States (U.S. corporation)
 PI US 5956484 19990921
 AI US 1996-691852 19960801 (8)
 RLI Continuation-in-part of Ser. No. US 1995-571606, filed on 13 Dec 1995
 DT Utility
 LN.CNT 1401
 INCL INCLM: 395/200.330
 INCLS: 395/200.470
 NCL NCLM: 709/203.000
 NCLS: 709/217.000
 IC [6]
 ICM: G06F015-16
 EXF 395/200.33; 395/200.38; 395/200.47; 395/200.6; 395/200.8

L14 ANSWER 5 OF 42 USPATFULL
 AN 1999:103363 USPATFULL
 TI Graphic data processing system
 IN Iwamura, Kazuaki, Kodaira, Japan
 Fujita, Takehiro, Kokubunji, Japan
 Kurihara, Tsuneya, Tokyo, Japan
 PA Hitachi, Ltd., Tokyo, Japan (non-U.S. corporation)
 PI US 5945976 19990831
 AI US 1996-762997 19961210 (8)
 RLI Division of Ser. No. US 1992-974128, filed on 10 Nov 1992, now patented,

Pat. No. US 5673564
PRAI JP 1991-29877 19911114
JP 1991-298780 19911114
DT Utility
LN.CNT 1244
INCL INCLM: 345/139.000
INCLS: 345/419.000
NCL NCLM: 345/139.000
NCLS: 345/419.000
IC [6]
ICM: G09B005-36
EXF 345/419-427; 345/139; 382/285; 340/990; 340/995

L14 ANSWER 6 OF 42 USPATFULL
AN 1999:82371 USPATFULL
TI Method and apparatus for identifying and eliminating **three-dimensional** objects visually obstructed from a planar surface
IN Lewis, Michael C., Redwood Estates, CA, United States
Morein, Stephen L., San Jose, CA, United States
PA Stellar Semiconductor, Inc., San Jose, CA, United States (U.S. corporation)
PI US 5926181 19990720
AI US 1996-624261 19960329 (8)
DT Utility
LN.CNT 518
INCL INCLM: 345/421.000
INCLS: 345/422.000
NCL NCLM: 345/421.000
NCLS: 345/422.000
IC [6]
ICM: G06T015-40
EXF 395/121; 395/122; 395/123; 345/421; 345/422; 345/423

L14 ANSWER 7 OF 42 USPATFULL
AN 1999:59489 USPATFULL
TI Method and system for high performance computer-generated virtual environments
IN McDowall, Ian E., Menlo Park, CA, United States
Bolas, Mark T., Menlo Park, CA, United States
PA Fakespace, Inc., Menlo Park, CA, United States (U.S. corporation)
PI US 5905499 19990518
AI US 1995-498221 19950705 (8)
DT Utility
LN.CNT 734
INCL INCLM: 345/419.000
INCLS: 345/430.000
NCL NCLM: 345/419.000
NCLS: 345/430.000
IC [6]
ICM: G06T015-10
EXF 395/130; 395/125; 345/419; 345/420; 345/430; 345/433; 345/434-435

L14 ANSWER 8 OF 42 USPATFULL
AN 1999:54059 USPATFULL
TI Display headset
IN Gallery, Richard D., Horley, United Kingdom
PA U.S. Philips Corporation, New York, NY, United States (U.S. corporation)
PI US 5900849 19990504
AI US 1996-637253 19960424 (8)
PRAI GB 1995-10614 19950525
DT Utility
LN.CNT 397

INCL INCLM: 345/008.000
 INCLS: 345/008.000; 348/053.000; 273/148.000B
 NCL NCLM: 345/008.000
 NCLS: 273/148.000B; 345/007.000; 348/053.000
 IC [6]
 ICM: G09G005-00
 EXF 345/8; 345/2; 349/111; 348/53; 348/56; 348/115; 348/116; 359/458;
 359/462; 359/630; 463/30; 463/51; 273/148B; 364/578

L14 ANSWER 9 OF 42 USPATFULL
 AN 1999:42793 USPATFULL
 TI System for two dimensional and **three dimensional**
 imaging of tubular structures in the human body
 IN Johnson, Charles Daniel, Rochester, MN, United States
 Hara, Amy Kiyo, Rochester, MN, United States
 Reed, Judd Evon, Rochester, MN, United States
 PA Mayo Foundation for Medical Education and Research, Rochester, MN,
 United States (U.S. corporation)
 PI US 5891030 19990406
 AI US 1997-787286 19970124 (8)
 DT Utility
 LN.CNT 1288
 INCL INCLM: 600/407.000
 INCLS: 382/128.000; 128/920.000
 NCL NCLM: 600/407.000
 NCLS: 128/920.000; 382/128.000
 IC [6]
 ICM: A61B005-00
 EXF 600/407; 600/416; 378/66; 382/128; 382/131; 382/154; 382/285; 382/293;
 382/294; 382/307; 382/302; 128/920; 128/922

L14 ANSWER 10 OF 42 USPATFULL
 AN 1999:25170 USPATFULL
 TI Apparatus and method for **three dimensional**
 manipulation of point of view and object
 IN LaHood, Edward R., Chicago, IL, United States
 PA Platinum Technology, Oakbrook Terrace, IL, United States (U.S.
 corporation)
 PI US 5874956 19990223
 AI US 1996-747268 19961112 (8)
 DT Utility
 LN.CNT 920
 INCL INCLM: 345/339.000
 NCL NCLM: 345/339.000
 IC [6]
 ICM: G06F003-00
 EXF 345/333; 345/334; 345/339; 345/348; 345/349; 345/352; 345/353; 345/354;
 345/419; 345/112; 345/121; 345/123; 345/126; 346/1; 346/39; 346/37

L14 ANSWER 11 OF 42 USPATFULL
 AN 1999:22546 USPATFULL
 TI Method and system for the creation of and navigation through a
 multidimensional space using encoded digital video
 IN Segal, Gerald M., San Carlos, CA, United States
 PA Digital Media Interactive, San Mateo, CA, United States (U.S.
 corporation)
 PI US 5872575 19990216
 AI US 1996-601596 19960214 (8)
 DT Utility
 LN.CNT 885
 INCL INCLM: 345/473.000
 INCLS: 382/232.000
 NCL NCLM: 345/473.000

NCLS: 382/232 000
IC [6]
ICM: G06T015-70
EXF 395/173; 395/174; 395/175; 395/806; 395/807; 395/119; 395/137; 395/138;
382/154; 382/236; 382/295; 382/296; 382/232; 345/8; 345/121; 345/122;
345/473; 345/474; 345/475; 345/419; 345/437; 345/438; 345/302; 348/39

L14 ANSWER 12 OF 42 USPATFULL
AN 1998:135545 USPATFULL
TI Force feedback system
IN Jacobus, Charles J., Ann Arbor, MI, United States
Riggs, Alan J., Ann Arbor, MI, United States
Taylor, Mark J., Ann Arbor, MI, United States
PA Cybernet Systems Corporation, Ann Arbor, MI, United States (U.S.
corporation)
PI US 5831408 19981103
AI US 1997-854375 19970512 (8)
RLI Continuation of Ser. No. US 1995-543606, filed on 16 Oct 1995, now
patented, Pat. No. US 5629594 which is a continuation-in-part of Ser.
No. US 1994-257070, filed on 9 Jun 1994, now patented, Pat. No. US
5459382 which is a division of Ser. No. US 1992-984324, filed on 2 Dec
1992, now patented, Pat. No. US 5389865
DT Utility
LN.CNT 863
INCL INCLM: 318/568.110
INCLS: 318/568.100; 901/009.000; 395/099.000
NCL NCLM: 318/568.110
NCLS: 318/568.100; 700/264.000; 901/009.000
IC [6]
ICM: G05B019-24
EXF 318/560-690; 395/90-98; 395/119-129; 901/7; 901/9; 901/11; 901/13;
901/15; 901/17-20; 340/407-408; 340/825.19; 340/680; 364/516; 364/517;
364/578; 364/410; 364/447.1

L14 ANSWER 13 OF 42 USPATFULL
AN 1998:128877 USPATFULL
TI Force feedback interface having isotonic and isometric functionality
IN Rosenberg, Louis B., Pleasanton, CA, United States
PA Immersion Human Interface Corporation, San Jose, CA, United States
(U.S.
corporation)
PI US 5825308 19981020
AI US 1996-756745 19961126 (8)
DT Utility
LN.CNT 3452
INCL INCLM: 341/020.000
INCLS: 345/163.000; 345/167.000; 345/145.000; 341/027.000; 364/709.010
NCL NCLM: 341/020.000
NCLS: 341/027.000; 345/145.000; 345/163.000; 345/167.000; 708/131.000
IC [6]
ICM: G09G003-02
EXF 341/20; 341/34; 341/35; 341/27; 345/179; 345/161; 345/156; 345/157;
345/158; 345/163; 345/167; 345/164; 345/165; 345/166; 345/184;
074/471XY

L14 ANSWER 14 OF 42 USPATFULL
AN 1998:111384 USPATFULL
TI Inertial orientation tracker apparatus method having automatic drift
compensation for tracking human head and other similarly sized body
IN Foxlin, Eric M., Cambridge, MA, United States
PA Massachusetts Institute of Technology, Cambridge, MA, United States
(U.S. corporation)
PI US 5807284 19980915

AI US 1997-882650 19970625 (8)
 RLI Division of Ser. No. US 1994-261364, filed on 1 Jun 1994, now
 patented,
 Pat. No. US 5645077
 DT Utility
 LN.CNT 1482
 INCL INCLM: 600/595.000
 INCLS: 600/587.000; 128/897.000
 NCL NCLM: 600/595.000
 NCLS: 128/897.000; 600/587.000
 IC [6]
 ICM: A61B005-103
 EXF 600/595; 600/587; 600/27; 600/592; 600/594; 128/898; 073/488; 073/510;
 364/453

L14 ANSWER 15 OF 42 USPATFULL
 AN 1998:108985 USPATFULL
 TI Popup menus with directional gestures
 IN van Cruyningen, Izak, 254B College Ave., Palo Alto, CA, United States
 94306-1511
 PI US 5805167 19980908
 AI US 1996-739611 19961030 (8)
 RLI Continuation of Ser. No. US 1994-310838, filed on 22 Sep 1994, now
 abandoned
 DT Utility
 LN.CNT 1409
 INCL INCLM: 345/353.000
 INCLS: 345/347.000; 345/358.000
 NCL NCLM: 345/353.000
 NCLS: 345/347.000; 345/358.000
 IC [6]
 ICM: G06F003-00
 EXF 395/353; 395/352; 395/354; 395/347; 395/358; 395/355; 395/339; 395/348;
 395/976; 395/341; 395/135; 395/349; 345/113; 345/145; 345/146; 345/353;
 345/352; 345/354; 345/347; 345/358; 345/355; 345/339; 345/348; 345/349;
 345/976; 345/341; 345/435

L14 ANSWER 16 OF 42 USPATFULL
 AN 1998:98265 USPATFULL
 TI Interactive computer-based entertainment system
 IN Trumbull, Douglas, Southfield, MA, United States
 Behrens, Marty, Culver City, CA, United States
 Greenebaum, Erich, Great Barrington, MA, United States
 PA Ridefilm Corporation, Lee, MA, United States (U.S. corporation)
 PI US 5795228 19980818
 AI US 1996-675351 19960703 (8)
 DT Utility
 LN.CNT 1103
 INCL INCLM: 463/042.000
 NCL NCLM: 463/042.000
 IC [6]
 ICM: G06F013-00
 EXF 463/40; 463/41; 463/42; 273/429; 379/202; 379/203; 379/204; 379/205

L14 ANSWER 17 OF 42 USPATFULL
 AN 1998:66721 USPATFULL
 TI Synchronization infrastructure for use in a computer system
 IN Poimboeuf, Michael K., San Mateo, CA, United States
 Milo, Jeffrey W., Los Altos, CA, United States
 Williams, Robert Anthony, Los Altos, CA, United States
 Werner, Ross G., Woodside, CA, United States
 PA Silicon Graphics, Inc., Mountain View, CA, United States (U.S.
 corporation)

PI US 5764965 19900609
 AI US 1996-717860 19960923 (8)
 DT Utility
 LN.CNT 1314
 INCL INCLM: 395/551.000
 INCLS: 395/558.000; 348/515.000
 NCL NCLM: 713/400.000
 NCLS: 348/515.000; 713/503.000
 IC [6]
 ICM: G06F001-04
 ICS: G06F001-12
 EXF 395/551; 395/552; 395/555; 395/558; 395/559; 375/354; 375/355; 375/371;
 348/423; 348/497; 348/500; 348/512; 348/515

L14 ANSWER 18 OF 42 USPATFULL

AN 1998:63771 USPATFULL
 TI Actuator
 IN Nagai, Shigekazu, Ibaraki-ken, Japan
 Saitoh, Akio, Ibaraki-ken, Japan
 Sugiyama, Toru, Ibaraki-ken, Japan
 PA SMC Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)
 PI US 5761960 19980609
 AI US 1996-712209 19960911 (8)
 RLI Continuation of Ser. No. US 1995-490175, filed on 14 Jun 1995, now
 abandoned which is a division of Ser. No. US 1994-193053, filed on 4

Mar

1994, now patented, Pat. No. US 5499547
 PRAI JP 1991-224403 19910904
 JP 1992-197178 19920723
 DT Utility
 LN.CNT 855
 INCL INCLM: 074/089.150
 INCLS: 074/089.220; 074/490.090; 108/020.000; 108/143.000; 384/050.000;
 403/170.000; 403/217.000; 439/032.000; 901/016.000
 NCL NCLM: 074/089.150
 NCLS: 074/089.220; 074/490.090; 108/020.000; 108/143.000; 384/050.000;
 403/170.000; 403/217.000; 439/032.000; 901/016.000
 IC [6]
 ICM: F16H025-22
 ICS: H01R041-00; B25J005-02
 EXF 074/89.15; 074/89.21; 074/89.22; 074/490.09; 108/20; 108/143; 384/45;
 384/50; 403/170; 403/171; 403/174; 403/217; 439/32; 901/16

L14 ANSWER 19 OF 42 USPATFULL

AN 1998:60674 USPATFULL
 TI Methods and apparatus for generating and processing synthetic and
 absolute real time environments
 IN Redmond, Scott, San Francisco, CA, United States
 PA Redmond Productions, San Francisco, CA, United States (U.S.
 corporation)
 PI US 5759044 19980602
 AI US 1995-498595 19950706 (8)
 RLI Division of Ser. No. US 1992-949157, filed on 22 Sep 1992, now
 abandoned
 which is a continuation-in-part of Ser. No. US 1990-483547, filed on 22
 Feb 1990, now patented, Pat. No. US 5255211

DT Utility

LN.CNT 2782

INCL INCLM: 434/307.000R
 INCLS: 434/365.000; 340/825.060; 364/578.000; 348/383.000
 NCL NCLM: 434/307.000R
 NCLS: 340/825.060; 348/383.000; 434/365.000

IC [6]

ICM: G09B005-0
EXF 634/43; 634/69; 634/307R-309; 634/365; 340/825; 340/825.36;
340/980; 370/60; 370/75; 370/85.2; 370/93; 370/34.1; 370/95.3; 379/59;
379/60; 455/89; 381/190; 395/127; 395/135; 395/152; 395/154; 395/155;
395/161; 395/156; 395/806; 395/807; 395/173; 395/326; 395/761; 364/578;
345/7; 345/8; 348/53; 348/115; 348/39; 348/383; 359/13; 359/630

L14 ANSWER 20 OF 42 USPATFULL

AN 1998:55256 USPATFULL
TI Gyro-stabilized platforms for force-feedback applications
IN Roston, Gerald P., Whitmore Lake, MI, United States
Jacobus, Charles J., Ann Arbor, MI, United States
PA Cybernet Systems Corporation, Ann Arbor, MI, United States (U.S.
corporation)
PI US 5754023 19980519
AI US 1996-736016 19961022 (8)
PRAI US 1995-5861 19951026 (60)
DT Utility
LN.CNT 1372
INCL INCLM: 318/561.000
INCLS: 318/568.110; 318/649.000
NCL NCLM: 318/561.000
NCLS: 318/568.110; 318/649.000
IC [6]
ICM: G05B013-02
ICS: B25J009-00
EXF 318/561; 318/567; 318/568.1; 318/568.11; 318/566; 318/628; 318/648;
318/649; 414/4; 414/5

L14 ANSWER 21 OF 42 USPATFULL

AN 1998:43290 USPATFULL
TI Virtual reality mental conditioning medium
IN Sever, Jr., Frank, POB 7442, Arlington, VA, United States 22207
PI US 5742748 19980421
AI US 1995-502362 19950714 (8)
DT Utility
LN.CNT 769
INCL INCLM: 395/119.000
INCLS: 482/004.000
NCL NCLM: 345/419.000
NCLS: 482/004.000
IC [6]
ICM: A63B024-00
EXF 395/119; 395/120; 395/99; 434/307R; 434/338; 434/350; 434/362; 482/901;
482/4; 273/438; 318/568.1; 318/568.11

L14 ANSWER 22 OF 42 USPATFULL

AN 1998:37186 USPATFULL
TI Virtual reality mental conditioning medium
IN Sever, Jr., Frank, 2220 N. Columbus St., Arlington, VA, United States
22207
PI US 5736986 19980407
AI US 1996-639933 19960426 (8)
RLI Continuation-in-part of Ser. No. US 1995-502362, filed on 14 Jul 1995
DT Utility
LN.CNT 833
INCL INCLM: 345/419.000
INCLS: 434/247.000
NCL NCLM: 345/419.000
NCLS: 434/247.000
IC [6]
ICM: A63B024-00
EXF 395/119; 395/118; 395/120; 128/774; 434/307; 434/247; 463/36; 345/418;

L14 ANSWER 23 OF 42 USPATFULL
 AN 1998:34807 USPATFULL
 TI System for allowing a person to experience systems of mythology
 IN Rogers, McCagie B., P.O. Box 411556, Eagle Rock, CA, United States
 90041
 PI US 5734795 19980331
 AI US 1995-441374 19950515 (8)
 DT Utility
 LN.CNT 2881
 INCL INCLM: 395/010.000
 INCLS: 395/012.000; 395/050.000
 NCL NCLM: 706/045.000
 NCLS: 706/011.000
 IC [6]
 ICM: G06F015-18
 ICS: G06F015-00; G06G007-00
 EXF 395/10; 395/12; 395/50

L14 ANSWER 24 OF 42 USPATFULL
 AN 1998:31923 USPATFULL
 TI Method and apparatus for directing the expression of emotion for a
 graphical **user interface**
 IN Brush, II, Abbott Purdy, Woodbridge, CT, United States
 Dryer, David Christopher, Austin, TX, United States
 Lection, David Bruce, Raleigh, NC, United States
 Wood, Donald Robert, Raleigh, NC, United States
 PA International Business Machines Corp., Armonk, NY, United States (U.S.
 corporation)
 PI US 5732232 19980324
 AI US 1996-718078 19960917 (8)
 DT Utility
 LN.CNT 319
 INCL INCLM: 395/339.000
 NCL NCLM: 345/339.000
 IC [6]
 ICM: G06F003-00
 EXF 395/339; 395/140; 395/141; 395/977

L14 ANSWER 25 OF 42 USPATFULL
 AN 1998:31509 USPATFULL
 TI Method and apparatus for identifying an object selected on a computer
 output display
 IN Bala, Gregory Paul, San Jose, CA, United States
 PA Oracle Corporation, Redwood Shores, CA, United States (U.S.
 corporation)
 PI US 5731814 19980324
 AI US 1995-578071 19951227 (8)
 DT Utility
 LN.CNT 855
 INCL INCLM: 345/356.000
 INCLS: 345/348.000; 345/352.000; 345/353.000; 345/355.000
 NCL NCLM: 345/356.000
 NCLS: 345/348.000; 345/352.000; 345/353.000; 345/355.000
 IC [6]
 ICM: G06F003-14
 EXF 395/355; 395/356; 395/352; 395/353; 395/348; 395/346; 395/336; 395/340;
 395/344; 345/352; 345/356; 345/353; 345/355

L14 ANSWER 26 OF 42 USPATFULL
 AN 1998:7775 USPATFULL
 TI Method for facilitating material application for a group of objects of
 a

computer graph

IN McCoy, David S., 406 Langford Dr., Bollingbrook, IL, United States
60440
Albertson, John-Mark, 1222 Degener Ave., Elmhurst, IL, United States
60126

PI US 5710878 19980120
AI US 1995-480649 19950607 (8)
DT Utility
LN.CNT 1196
INCL INCLM: 395/129.000
INCLS: 395/119.000; 395/130.000; 395/131.000; 395/132.000
NCL NCLM: 345/429.000
NCLS: 345/419.000; 345/430.000; 345/431.000; 345/432.000
IC [6]
ICM: G06T015-00
EXF 395/119; 395/133; 395/129-32

L14 ANSWER 27 OF 42 USPATFULL
AN 97:58157 USPATFULL
TI Inertial orientation tracker apparatus having automatic drift
compensation for tracking human head and other similarly sized body
IN Foxlin, Eric M., Cambridge, MA, United States
PA Massachusetts Institute of Technology, Cambridge, MA, United States
(U.S. corporation)
PI US 5645077 19970708
AI US 1994-261364 19940616 (8)
DT Utility
LN.CNT 1553
INCL INCLM: 128/774.000
INCLS: 128/782.000
NCL NCLM: 600/587.000
NCLS: 600/595.000
IC [6]
ICM: A61B005-103
EXF 128/774; 128/782; 073/505; 364/453; 600/26; 033/333; 033/355R

L14 ANSWER 28 OF 42 USPATFULL
AN 97:41070 USPATFULL
TI Force feedback system
IN Jacobus, Charles J., Ann Arbor, MI, United States
Riggs, Alan J., Ann Arbor, MI, United States
Taylor, Mark J., Ann Arbor, MI, United States
PA Cybernet Systems Corporation, Ann Arbor, MI, United States (U.S.
corporation)
PI US 5629594 19970513
AI US 1995-543606 19951016 (8)
RLI Continuation-in-part of Ser. No. US 1994-257070, filed on 9 Jun 1994,
now patented, Pat. No. US 5459382 which is a division of Ser. No. US
1992-984324, filed on 2 Dec 1992, now patented, Pat. No. US 5389865,
issued on 14 Feb 1995
DT Utility
LN.CNT 867
INCL INCLM: 318/568.110
INCLS: 318/568.100; 318/590.000; 395/095.000; 901/007.000; 901/009.000
NCL NCLM: 318/568.110
NCLS: 318/568.100; 318/590.000; 700/260.000; 901/007.000; 901/009.000
IC [6]
ICM: F16D031-02
ICS: G05G009-02
EXF 318/560-646; 364/806; 364/146; 364/578; 901/3; 901/5; 901/7; 901/9;
901/15-23; 901/40-50; 414/730-735; 074/471; 395/80-99; 395/152;
395/161;
033/366; 033/377; 033/312; 033/313; 434/307; 434/43; 434/69

L14 ANSWER 29 OF 42 USPATFULL
 AN 97:12895 USPATFULL
 TI Graphic data processing system
 IN Iwamura, Kazuaki, Kodaira, Japan
 Fujita, Takehiro, Kokubunji, Japan
 Kurihara, Tsuneya, Tokyo, Japan
 PA Hitachi, Ltd., Tokyo, Japan (non-U.S. corporation)
 PI US 5602564 19970211
 AI US 1992-974128 19921110 (7)
 PRAI JP 1991-298777 19911114
 JP 1991-298780 19911114
 DT Utility
 LN.CNT 1231
 INCL INCLM: 345/119.000
 INCLS: 345/139.000; 395/119.000; 395/344.000
 NCL NCLM: 345/340.000
 NCLS: 345/112.000; 345/139.000; 345/344.000; 345/355.000; 345/419.000;
 345/439.000
 IC [6]
 ICM: G09G005-00
 ICS: G06F015-00
 EXF 345/118; 345/119; 345/120; 345/126; 345/127; 345/139; 345/133; 395/157;
 395/158; 395/119; 395/120

 L14 ANSWER 30 OF 42 USPATFULL
 AN 97:10976 USPATFULL
 TI Method and system for spatial accessing of time-based information
 IN Wang, Weijia, Sunnyvale, CA, United States
 White, Sean M., San Francisco, CA, United States
 PA Interval Research Corporation, Palo Alto, CA, United States (U.S.
 corporation)
 PI US 5600777 19970204
 AI US 1995-509165 19950731 (8)
 RLI Continuation of Ser. No. US 1993-172637, filed on 22 Dec 1993, now
 patented, Pat. No. US 5461711
 DT Utility
 LN.CNT 681
 INCL INCLM: 395/326.000
 INCLS: 395/806.000; 345/173.000; 345/156.000; 340/407.200
 NCL NCLM: 345/326.000
 NCLS: 340/407.200; 345/156.000; 345/173.000; 345/302.000
 IC [6]
 ICM: G06F003-02
 EXF 395/155; 395/154; 395/161; 395/160; 395/159; 345/173; 345/156; 345/179;
 345/184; 340/407.1; 340/407.2; 340/825.19

 L14 ANSWER 31 OF 42 USPATFULL
 AN 96:119143 USPATFULL
 TI Method and apparatus for creating sounds in a virtual world by
 simulating sound in specific locations in space and generating sounds
 as
 touch feedback
 IN Levitt, David A., Menlo Park, CA, United States
 Degroot, Marc, San Francisco, CA, United States
 Lanier, Jaron Z., Palo Alto, CA, United States
 PA VPL Research, Inc., Redwood City, CA, United States (U.S. corporation)
 PI US 5587936 19961224
 AI US 1993-141203 19931005 (8)
 RLI Continuation of Ser. No. US 1990-621446, filed on 30 Nov 1990, now
 abandoned
 DT Utility
 LN.CNT 271

INCL INCLM: 364/578.000
NCL NCLM: 395/500.000
IC [6]
ICM: G06F017-00
EXF 395/500; 381/17; 381/77; 381/61; 364/578

L14 ANSWER 32 OF 42 USPATFULL

AN 96:63905 USPATFULL
TI Process for converting two dimensional data into a multidimensional
flow
model
IN Aprile, Robert L., Desoto, TX, United States
PA Hypercubic Tunneling Industries, Inc., Vero Beach, FL, United States
(U.S. corporation)
PI US 5537524 19960716
AI US 1994-232761 19940425 (8)
DT Utility
LN.CNT 1127
INCL INCLM: 395/140.000
NCL NCLM: 345/440.000
IC [6]
ICM: G06F015-00
EXF 395/140; 395/155; 395/161; 345/115; 345/117; 345/118

L14 ANSWER 33 OF 42 USPATFULL

AN 96:41456 USPATFULL
TI Apparatus and method for eye tracking interface
IN Kaufman, Arie A., Plainview, NY, United States
Bandopadhyay, Amit, Smithtown, NY, United States
Piligian, George J., Englewood Cliffs, NJ, United States
PA The Research Foundation State University of New York, Albany, NY,
United States (U.S. corporation)
PI US 5517021 19960514
AI US 1994-330924 19941028 (8)
RLI Continuation of Ser. No. US 1993-6199, filed on 19 Jan 1993, now
patented, Pat. No. US 5360971
DT Utility
LN.CNT 940
INCL INCLM: 250/221.000
INCLS: 340/825.190; 128/745.000
NCL NCLM: 250/221.000
NCLS: 340/825.190; 600/558.000
IC [6]
ICM: G01V009-04
EXF 250/221; 250/216; 128/733; 128/745; 340/705; 340/706; 340/825.19;
340/980; 351/209; 351/210; 364/514; 364/516; 364/550

L14 ANSWER 34 OF 42 USPATFULL

AN 96:37121 USPATFULL
TI Method and system for controlling computer-generated virtual
environment
in response to audio signals
IN Bolas, Mark, Palo Alto, CA, United States
McDowall, Ian E., Palo Alto, CA, United States
Bolas, Michael N., Los Angeles, CA, United States
PA Fakespace, Inc., Menlo Park, CA, United States (U.S. corporation)
PI US 5513129 19960430
AI US 1993-91650 19930714 (8)
DT Utility
LN.CNT 1273
INCL INCLM: 364/578.000
NCL NCLM: 395/500.340

IC [6]
 ICM: G06F017-0

EXF 364/578; 364/514; 364/DIG.1; 364/DIG.2; 360/14.2; 340/712; 358/81;
 358/82; 345/156; 084/645; 084/610; 084/464R; 084/601; 084/602; 084/609;
 084/611; 084/634; 084/635; 084/641; 084/642; 084/DIG.1; 084/DIG.2;
 084/DIG.29; 395/152; 395/153; 395/154; 395/155; 395/156; 395/157;
 395/159; 395/161; 395/200

L14 ANSWER 35 OF 42 USPATFULL
 AN 96:22235 USPATFULL
 TI Actuator
 IN Nagai, Shigekazu, Ibaraki, Japan
 Saitoh, Akio, Ibaraki, Japan
 Sugiyama, Toru, Ibaraki, Japan
 PA SMC Kabushiki Kaisha, Tokyo, Japan (non-U.S. corporation)
 PI US 5499547 19960319
 WO 9305321 19930318
 AI US 1994-193053 19940304 (8)
 WO 1992-JP1134 19920904
 19940304 PCT 371 date
 19940304 PCT 102(e) date
 PRAI JP 1991-224403 19910904
 JP 1992-197178 19920723
 DT Utility
 LN.CNT 799
 INCL INCLM: 074/089.150
 INCLS: 074/424.800R; 108/020.000; 108/143.000; 384/050.000
 NCL NCLM: 074/089.150
 NCLS: 074/424.800R; 108/020.000; 108/143.000; 384/050.000
 IC [6]
 ICM: F16H025-22
 EXF 074/89.15; 074/424.8B; 074/424.8R; 108/20; 108/143; 384/45; 384/50

L14 ANSWER 36 OF 42 USPATFULL
 AN 96:4050 USPATFULL
 TI Graphical input controller and method with rear screen image detection
 IN Yasutake, Taizo, Cupertino, CA, United States
 PA ITU Research, Inc., Cupertino, CA, United States (U.S. corporation)
 PI US 5483261 19960109
 AI US 1993-141045 19931026 (8)
 RLI Continuation-in-part of Ser. No. US 1992-837372, filed on 14 Feb 1992,
 now abandoned
 DT Utility
 LN.CNT 876
 INCL INCLM: 345/173.000
 INCLS: 178/018.000; 345/158.000
 NCL NCLM: 345/173.000
 NCLS: 178/018.030; 178/019.040; 345/158.000
 IC [6]
 ICM: G09G003-07
 EXF 178/18; 178/19; 345/157; 345/158; 345/173; 345/175

L14 ANSWER 37 OF 42 USPATFULL
 AN 95:95567 USPATFULL
 TI Method and system for spatial accessing of time-based information
 IN Wang, Weijia, Sunnyvale, CA, United States
 White, Sean M., San Francisco, CA, United States
 PA Interval Research Corporation, Palo Alto, CA, United States (U.S.
 corporation)
 PI US 5461711 19951024
 AI US 1993-172637 19931222 (8)
 DT Utility
 LN.CNT 768

INCL INCLM: 395/161.000
INCLS: 395/155.000; 395/154.000; 395/159.000; 395/156.000; 345/173.000
NCL NCLM: 345/328.000
NCLS: 345/156.000; 345/173.000; 345/354.000; 345/358.000; 345/970.000
IC [6]
ICM: G06F003-02
EXF 395/155; 395/154; 395/161; 395/152; 395/119; 395/160; 395/159; 345/173;
345/156; 345/179; 345/180

L14 ANSWER 38 OF 42 USPATFULL
AN 95:93029 USPATFULL
TI Method and system for providing a tactile virtual reality and
manipulator defining an interface device therefor
IN Jacobus, Charles J., Ann Arbor, MI, United States
Riggs, Alan J., Ann Arbor, MI, United States
Taylor, Mark J., Ann Arbor, MI, United States
PA Cybernet Systems Corporation, Ann Arbor, MI, United States (U.S.
corporation)
PI US 5459382 19951017
AI US 1994-257070 19940609 (8)
RLI Division of Ser. No. US 1992-984324, filed on 2 Dec 1992, now patented,
Pat. No. US 5389865
DT Utility
LN.CNT 764
INCL INCLM: 318/568.110
INCLS: 318/568.100; 901/009.000; 395/099.000
NCL NCLM: 318/568.110
NCLS: 318/568.100; 700/264.000; 901/009.000
IC [6]
ICM: G05B019-24
ICS: G05B005-00
EXF 318/560-646; 364/806; 364/146; 364/578; 901/3; 901/5; 901/7; 901/9;
901/15-23; 901/40-50; 414/730-735; 074/471X; 395/80-99; 395/152;
395/161; 033/366; 033/377; 033/312; 033/313; 434/307; 434/43; 434/69

L14 ANSWER 39 OF 42 USPATFULL
AN 95:67625 USPATFULL
TI Image display method and apparatus with means for yoking viewpoint
orienting muscles of a user
IN Bolas, Mark, Palo Alto, CA, United States
McDowall, Ian E., Palo Alto, CA, United States
Mead, Russell, Los Altos Hills, CA, United States
PA Fakespace, Inc., Menlo Park, CA, United States (U.S. corporation)
PI US 5436638 19950725
AI US 1993-169164 19931217 (8)
DT Utility
LN.CNT 1181
INCL INCLM: 345/156.000
INCLS: 273/148.000B
NCL NCLM: 345/156.000
NCLS: 273/148.000B
IC [6]
ICM: G09G003-02
EXF 273/148B; 273/148R; 273/438; 434/43; 434/69; 434/307; 128/774; 128/779;
128/781; 128/782; 345/161; 345/184; 345/156; 345/157; 345/158; 364/425

L14 ANSWER 40 OF 42 USPATFULL
AN 95:14096 USPATFULL
TI Method and system for providing a tactile virtual reality and
manipulator defining an interface device therefor
IN Jacobus, Charles J., Ann Arbor, MI, United States
Riggs, Alan J., Ann Arbor, MI, United States
Taylor, Mark J., Ann Arbor, MI, United States

PA Cybernet Systems Corporation, Ann Arbor, MI, United States (U.S. corporation)
 PI US 5389865 19950214
 AI US 1992-984324 19921202 (7)
 DT Utility
 LN.CNT 742
 INCL INCLM: 318/568.110
 INCLS: 318/568.100; 318/590.000; 395/095.000; 901/007.000; 901/009.000
 NCL NCLM: 318/568.110
 NCLS: 318/568.100; 318/590.000; 700/260.000; 901/007.000; 901/009.000
 IC [6]
 ICM: F16D031-02
 ICS: G05G009-02
 EXF 318/560-646; 395/80-99; 901/1; 901/3; 901/5; 901/7; 901/9; 901/11;
 901/13; 901/15-23; 414/730-735

L14 ANSWER 41 OF 42 USPATFULL
 AN 94:95583 USPATFULL
 TI Apparatus and method for eye tracking interface
 IN Kaufman, Arie A., Plainview, NY, United States
 Bandopadhyay, Amit, Smithtown, NY, United States
 Piligian, George J., Englewood Cliffs, NJ, United States
 PA The Research Foundation State University of New York, Albany, NY,
 United States (U.S. corporation)
 PI US 5360971 19941101
 AI US 1993-6199 19930119 (8)
 RLI Continuation of Ser. No. US 1992-861094, filed on 31 Mar 1992, now
 abandoned
 DT Utility
 LN.CNT 1180
 INCL INCLM: 250/221.000
 INCLS: 340/825.190; 128/745.000
 NCL NCLM: 250/221.000
 NCLS: 340/825.190; 600/558.000
 IC [5]
 ICM: G01V009-04
 EXF 250/221; 250/216; 128/745; 128/733; 340/706; 340/825.19; 340/705;
 340/980; 351/209; 351/210; 364/514; 364/516; 364/550

L14 ANSWER 42 OF 42 USPATFULL
 AN 93:42634 USPATFULL
 TI **Three-dimensional** displacement of a body with
 computer interface
 IN Bauer, Will, 11514-77 Ave., Edmonton, Alberta, Canada T6G 0M1
 PI US 5214615 19930525
 AI US 1991-764624 19910924 (7)
 RLI Continuation-in-part of Ser. No. US 1990-484985, filed on 26 Feb 1990,
 now patented, Pat. No. US 5107746
 DT Utility
 LN.CNT 668
 INCL INCLM: 367/128.000
 INCLS: 367/907.000
 NCL NCLM: 367/128.000
 NCLS: 367/907.000
 IC [5]
 ICM: G01S003-80
 EXF 367/128; 367/907; 178/18; 084/626; 084/687; 364/516

(FILE 'HOME' ENTERED AT 09:08:54 ON 18 JAN 2000)

FILE 'USPATFULL' ENTERED AT 09:09:10 ON 18 JAN 2000

L1 1297 S VIRTUAL() REALITY
 L2 336 S ABSTRACT() (DATA OR INFORMATION)
 L3 22 S L1 AND L2
 L4 QUE (MEDICAL OR SPORTS OR LEGAL) () (DATA OR INFORMATION OR
 PARAM
 L5 10 S L3 AND L4

=> d 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

L5 ANSWER 1 OF 10 USPATFULL
 AN 1999:143293 USPATFULL
 TI Systems and methods for secure transaction management and electronic
 rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Spahn, Francis J., El Cerrito, CA, United States
 Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corp., Sunnyvale, CA, United States (U.S.
 corporation)
 PI US 5982891 19991109
 AI US 1997-964333 19971104 (8)
 RLI Continuation of Ser. No. US 1995-388107, filed on 13 Feb 1995, now
 abandoned
 DT Utility
 LN.CNT 19798
 INCL INCLM: 380/004.000
 INCLS: 380/024.000; 380/025.000; 705/026.000
 NCL NCLM: 380/004.000
 NCLS: 380/024.000; 380/025.000; 705/026.000
 IC [6]
 ICM: H04L009-30
 EXF 380/4; 380/25; 396/683; 705/26; 300/24

L5 ANSWER 2 OF 10 USPATFULL
 AN 1999:107548 USPATFULL
 TI Systems and methods for secure transaction management and electronic
 rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Spahn, Francis J., El Cerrito, CA, United States
 Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corporation, Sunnyvale, CA, United States (U.S.
 corporation)
 PI US 5949876 19990907
 AI US 1997-778256 19970108 (8)
 RLI Division of Ser. No. US 1995-388107, filed on 13 Feb 1995, now
 abandoned
 DT Utility

LN.CNT 20275
 INCL INCLM: 380/000.000
 INCLS: 380/024.000; 705/039.000
 NCLS: 705/039.000
 IC [6]
 ICM: H04L009-32
 EXF 395/237; 395/241; 380/4; 380/16; 380/49; 380/24; 705/39

 L5 ANSWER 3 OF 10 USPATFULL
 AN 1999:73600 USPATFULL
 TI System and methods for secure transaction management and electronic rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Spahn, Francis J., El Cerrito, CA, United States
 Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corporation, Sunnyvale, CA, United States (U.S. corporation)
 PI US 5917912 19990629
 AI US 1997-780545 19970108 (8)
 RLI Division of Ser. No. US 1995-388107, filed on 13 Feb 1995, now abandoned
 DT Utility
 LN.CNT 19656
 INCL INCLM: 380/024.000
 INCLS: 380/004.000; 395/683.000; 705/040.000
 NCL NCLM: 713/187.000
 NCLS: 705/040.000; 709/300.000; 709/303.000; 713/164.000
 IC [6]
 ICM: G06F017-60
 EXF 380/4; 380/25; 395/186; 395/683; 395/684

 L5 ANSWER 4 OF 10 USPATFULL
 AN 1999:70406 USPATFULL
 TI Systems and methods for secure transaction management and electronic rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Spahn, Francis J., El Cerrito, CA, United States
 Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corp., Sunnyvale, CA, United States (U.S. corporation)
 PI US 5915019 19990622
 AI US 1997-780393 19970108 (8)
 RLI Division of Ser. No. US 1995-388107, filed on 13 Feb 1995, now abandoned
 DT Utility
 LN.CNT 19939
 INCL INCLM: 380/004.000
 INCLS: 380/021.000; 380/049.000; 395/680.000; 705/026.000; 705/400.000
 NCL NCLM: 705/054.000
 NCLS: 705/026.000; 705/400.000; 709/300.000
 IC [6]
 ICM: H04L009-00
 EXF 380/3; 380/4; 380/5; 380/21; 380/49; 395/680; 395/683; 705/26; 705/400

 L5 ANSWER 5 OF 10 USPATFULL
 AN 1999:65740 USPATFULL
 TI Systems and methods for secure transaction management and electronic rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Spahn, Francis J., El Cerrito, CA, United States

Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corp., Sunnyvale, CA, United States (U.S. corporation)
 PI US 5910987 19990608
 AI US 1996-760440 19961204 (8)
 RLI Continuation of Ser. No. US 1995-388107, filed on 13 Feb 1995, now abandoned
 DT Utility
 LN.CNT 19340
 INCL INCLM: 380/024.000
 INCLS: 380/004.000
 NCL NCLM: 705/052.000
 NCLS: 705/030.000
 IC [6]
 ICM: H04L009-32
 ICS: G06F017-60
 EXF 380/4; 380/25; 380/24; 395/683; 395/684; 705/26

 L5 ANSWER 6 OF 10 USPATFULL
 AN 1999:54455 USPATFULL
 TI Ergonomic man-machine interface incorporating adaptive pattern recognition based control system
 IN Hoffberg, Steven M., 20 Greystone Ter., Yonkers, NY, United States 10701-1705
 Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United States 01720
 PI US 5901246 19990504
 AI US 1995-469104 19950606 (8)
 DT Utility
 LN.CNT 7575
 INCL INCLM: 382/209.000
 NCL NCLM: 382/209.000
 IC [6]
 ICM: G06L009-62
 EXF 382/100; 382/249; 382/308; 382/297; 382/298; 382/209; 348/416; 348/407; 358/433; 395/154

 L5 ANSWER 7 OF 10 USPATFULL
 AN 1999:44617 USPATFULL
 TI Systems and methods for secure transaction management and electronic rights protection
 IN Ginter, Karl L., Beltsville, MD, United States
 Shear, Victor H., Bethesda, MD, United States
 Sibert, W. Olin, Lexington, MA, United States
 Spahn, Francis J., El Cerrito, CA, United States
 Van Wie, David M., Sunnyvale, CA, United States
 PA InterTrust Technologies Corp., Sunnyvale, CA, United States (U.S. corporation)
 PI US 5892900 19990406
 AI US 1996-706206 19960830 (8)
 DT Utility
 LN.CNT 22540
 INCL INCLM: 395/186.000
 INCLS: 395/184.010
 NCL NCLM: 713/200.000
 NCLS: 713/201.000
 IC [6]
 ICM: G06F011-00
 EXF 395/186; 395/187.01; 395/188.01; 395/218; 395/200.59; 380/4; 380/25; 380/30; 380/825.31; 380/825.34

 L5 ANSWER 8 OF 10 USPATFULL
 AN 1999:25321 USPATFULL

TI Ergonomic man-machine interface incorporating adaptive pattern
 recognition based control system
 IN Hoffberg, Steven M., 20 Greystone Ter., Yonkers, NY, United States
 10701-1705
 Hoffberg-Borghesani, Linda I., 40 Jackson Dr., Acton, MA, United States
 01720
 PI US 5875108 19990223
 AI US 1995-471834 19950606 (8)
 RLI Continuation-in-part of Ser. No. US 1991-812805, filed on 23 Dec 1991
 DT Utility
 LN.CNT 9381
 INCL INCLM: 364/146.000
 INCLS: 364/148.000; 364/188.000; 382/181.000; 382/190.000
 NCL NCLM: 700/017.000
 NCLS: 382/181.000; 382/190.000; 700/083.000
 IC [6]
 ICM: G06K009-00
 EXF 364/140-147; 364/148; 364/518; 364/188-190; 382/8; 382/27; 382/34;
 382/30; 382/56; 382/1; 382/48; 382/16; 382/36; 382/42; 382/248;
 382/155-159; 382/181; 382/190; 382/191-193; 382/199

 L5 ANSWER 9 OF 10 USPATFULL
 AN 1998:76985 USPATFULL
 TI **Virtual reality** generator for use with financial
 information
 IN Marshall, Paul Steven, 25 Fifth Ave., Apt. 6F, New York, NY, United
 States 10003
 PI US 5774878 19980630
 AI US 1994-267108 19940627 (8)
 RLI Continuation of Ser. No. US 1992-954775, filed on 30 Sep 1992
 DT Utility
 LN.CNT 1388
 INCL INCLM: 705/035.000
 INCLS: 705/001.000; 705/010.000; 705/035.000; 705/036.000
 NCL NCLM: 705/035.000
 NCLS: 705/001.000; 705/010.000; 705/036.000
 IC [6]
 ICM: G06F017-00
 ICS: G06F017-50
 EXF 364/401; 364/408; 705/1; 705/10; 705/35; 705/36

 L5 ANSWER 10 OF 10 USPATFULL
 AN 97:92390 USPATFULL
 TI **Virtual reality** generator for use with financial
 information
 IN Marshall, Paul S., 518 Hudson St. #4RF, Hoboken, NJ, United States
 07030
 PI US 5675746 19971007
 AI US 1992-954775 19920930 (7)
 DT Utility
 LN.CNT 1119
 INCL INCLM: 395/235.000
 INCLS: 395/201.000
 NCL NCLM: 705/035.000
 NCLS: 705/001.000
 IC [6]
 ICM: G06F017-60
 EXF 364/408; 364/401